

Date: Fri, 9 Jul 93 14:38:41 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #837
To: Info-Hams

Info-Hams Digest Fri, 9 Jul 93 Volume 93 : Issue 837

Today's Topics:

 * SpaceNews 12-Jul-93 *
 211/845 Transmitter Tube WANTED....
 Altitude data needed.
 Anyone know about Atlanta hamfest?
 beating the dead MOD horse . . .
 Comment on HW-100 ?
 Daily Solar Geophysical Data Broadcast for 08 July
 Date for Berryville, VA hamfest? (2 msgs)
 Digital FM through TV Cable, How?
 INFO WANTED - W2DRZ 902 Transverter
 ORBS\$191.2liners
 some HTX404 info from packet
 Third-party traffic
 VE Test Conditions

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 9 Jul 93 15:53:23 GMT
From: news-mail-gateway@ucsd.edu
Subject: * SpaceNews 12-Jul-93 *
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC0712
* SpaceNews 12-Jul-93 *

BID: \$SPC0712

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SpaceNews
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MONDAY JULY 12, 1993

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

* SPECTRUM ON WWCR *

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"Spectrum", a new international communications and technology radio program airs Sundays at 0335 UTC on WWCR, Nashville, Tennessee on 7435 KHz shortwave, and the Let's Talk Radio Network on Spacenet 3, transponder 21, 5.8 MHz subcarrier wideband audio. The program is hosted by Dave Marthouse, N2AAM, a long time radio enthusiast, OSCAR satellite user and professional broadcaster, and Mark Emanuele, N2CBO, a professional communications consultant, and features produced segments on all aspects of communications ranging from DC through light. In addition, there is a live call in segment with guests from the field of radio communications.

* REQUEST FOR FO-20 USERS *

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ANTIGUA GUATEMALA, 29 JUN 1993

DEAR JOHN,

LET ME TELL YOU THAT IT IS ALWAYS A PLEASURE FOR US FEW HAMS HERE IN GUATEMALA TO READ YOUR SPACENEWS. AT PRESENT YOUR BULLETIN COMES TO US VIA THE APLINK NETWORK, AND THE APLINK SYSOPS IN THE US, CHILE AND HERE IN GUATEMALA ARE DOING A GREAT JOB FOR US.

HOWEVER, SINCE I WORK SATELLITES MODE JD I FEEL THE JOB TO DISTRIBUTE YOUR BULLETIN COULD BE DONE SOMEWHAT BETTER. AMATEUR SATELLITE FO-20 FOR INSTANCE HAS VERY FEW USERS, EVEN WHEN PASSING OVER THE U.S. IN ONE PASS I CAN EASILY DOWNLOAD ABOUT 15K BYTES OF DATA, SO WHY NOT SEND YOUR BULLETIN AROUND THE WORLD VIA FO-20? IF ONE OF YOUR FRIENDS OR FELLOW HAMS IN YOUR AREA HAS THE CAPABILITY TO WORK SATELLITE MODE JD, PLEASE ASK IF HE COULD UPLOAD YOUR BULLETIN TO FO-20 WHENEVER IT IS AVAILABLE. I WOULD DOWNLOAD IT HERE IN GUATEMALA AND FEED IT INTO THE

LATNET (LATIN AMERICAN PACKETNETWORK), WITH LINKS ON VHF TO ALL CENTRAL AMERICA, AND ON HF TO SOUTH AMERICA AND POLYNESIA. WHEN I UPLOADED YOUR BULLETIN TO F0-20, I COULD SEE IT WAS DOWNLOADED SEVERAL TIMES FROM US HAMS, AND THEY HAVE FAR BETTER ACCESS TO A TERRESTRIAL PACKET BBS THAN WE HAVE DOWN HERE.

BEST WISHES, MNY TNX AND VY 73 DE MANFRED, TG9IKE AT TG9SO.GTM.NA

At the present time I am unable to access F0-20 with my limited antenna system. If anyone with Mode JD capability would like to upload SpaceNews to F0-20 on a regular basis they are certainly welcomed to do so. If any individual who is willing to do this also has Internet mail capability, I can add your e-mail address to my SpaceNews distribution list in an effort to bring you these bulletins in the shortest time possible.

Feel free to contact me via any of the paths listed below. Thanks!

★ MIR QUESTIONS AND ANSWERS ★

=====

Questions from the
BROAD STREET SCHOOL
NASHUA, NEW HAMPSHIRE
GRADE 3 MRS. PORTER'S CLASS

Sent to the Russin Space Station MIR on June 3, 1993 by Amateur Radio.
The answers were received June 9.

Jessica Bushell 8:

Q: Can you see other planets?

ALEX:

A: Yes, we observe Venus, Mars, Jupiter and once we have seen Saturn with it's rings using binoculars. Through the binoculars we could see 4 of Jupiter's satellites, Io, Europe, Callisto and Ganimed.

Lauren Oscilowski 9:

Q:What is it like to be in space for 6 months? Do you ever feel sick?

ALEX:

A: We are living in space with Gennady for 4.5 months now. Gennady has spent approximately the same amount of time in his first mission. But we are not bored up here - one can work in different roles: as a pilot, doctor, cook, actor, mechanic and so on - it is very interesting. On the first days of the mission, a cosmonaut may have the motion sickness - dizziness, nausea. But we got lucky - we didn't have it.

Emily Comeau 10:

Q: Do you ever miss your family?

ALEX:

A: Sure, we reminisce about our families sometimes. Phone conversations, video and audio records, letters, arriving with "loadtrucks" (that is how we name transport spaceships carrying cargoes for us) help us to bear with the long time apart. With the last "loadtruck" my daughter set me her sewing application - lilac bouquet. I have pinned up in my room next to the "illuminator" (round window - translator's remark).

[Info via Miles, WF1F]

* THANKS! *

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Thanks to all those who sent messages of appreciation regarding SpaceNews, especially:

G1FMU GX1XIC NW2L VK2FBI NW3V VE4SET HB9PCX TG9IKE

* FEEDBACK/INPUT WELCOMED *

=====

Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX : 1-908-747-7107
UUCP : ...catfish.ocpt.ccur.com!ka2qhd!kd2bd
PACKET : KD2BD @ NN2Z.NJ.USA.NA
INTERNET : kd2bd@ka2qhd.ocpt.ccur.com -or- kd2bd@amsat.org

MAIL : John A. Magliacane, KD2BD
 Department of Engineering and Technology
 Advanced Technology Center
 Brookdale Community College
 Lincroft, New Jersey 07738
 U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

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John A. Magliacane, KD2BD * /\ /\ * Voice : 1-908-224-2948
Advanced Technology Center |/\ /\ /\ | Packet : KD2BD @ NN2Z.NJ.USA.NA
Brookdale Community College |/\ /\ /\ | Internet: kd2bd@ka2qhd.ocpt.ccur.com
Lincroft, NJ 07738 * /\ /\ * Morse : -. -.. ..--- -... -..

Date: 9 Jul 93 17:43:31 GMT
From: news-mail-gateway@ucsd.edu
Subject: 211/845 Transmitter Tube WANTED....
To: info-hams@ucsd.edu

The best place to find old transmitting tubes is Fair Radio Sales
in Lima Ohio (USA) They are located at 1016 E. Eureka Street, Lima,
Ohio 45802-1105. (tel no. 419-227-6573.

KC2WE

Date: 9 Jul 93 14:19:47 CDT
From: elroy.jpl.nasa.gov!usc!howland.reston.ans.net!darwin.sura.net!news-
feed-1.peachnet.edu!umn.edu!msc.edu!raistlin!timbuk.cray.com!hemlock.cray.com!
andyw@ames.arpa
Subject: Altitude data needed.
To: info-hams@ucsd.edu

I've created a small (only the state of Minnesota) database
mapping ZIP+4 codes onto 6 character grid squares. While I
have access to the lat/long data, I can't make that directly
available - I thought it would be nice to provide altitude
info, if that was at all possible - does anyone know how
I might locate this information (preferably on the
Internet) ? It's for a non-commercial ham-oriented database,
if that helps..

--
andyw. NØREN/G1XRL

andyw@aspen.cray.com Andy Warner, Cray Research, Inc. (612) 683-5835

Date: Fri, 9 Jul 93 17:33:53 GMT
From: butch!enterprise!news@uunet.uu.net
Subject: Anyone know about Atlanta hamfest?
To: info-hams@ucsd.edu

In article <1993Jul8.124233.1@ducvax.auburn.edu>, anderjh@ducvax.auburn.edu
wrote:

>

> I just looked at a list of area Hamfests and saw that one would be held in
> Atlanta, Georgia on July 17 and 18. Does anyone know anything about this
> hamfest, like where it would be held and if there will be any VEC examination
> sessions and what time these tests might be given? I would like to take a
> 5 wpm code test and a friend might be ready for a technician exam by then.
>
>
> Still waiting for my callsign from testing at the Birmingham, AL hamfest on
> May 16. Jamie (ANDERJH@DUCVAX.AUBURN.EDU)

The hamfest will be held at the Georgia International Convention & Trade
Center
near the Atlanta Airport south of downtown on I-85. Tickets are \$8 at the
door.
Talk-in is on 146.82 & 444.825.

The following is from a brochure which I received:

The Central Alabama VE Corps will administer tests both Saturday and
Sunday,
beginning promptly at 9:00am. You must arrive no later than 15 minutes
before
each session to complete the necessary paperwork. Testing for all clases
will
be given. Bring the original and photocopy of your present license, plus
any original
credit certification, if applicable, and positive ID. An FCC Form 610 will
be provided
at the site. No appointment necessary.

HOTLINE (404) 717-5893
BBS (404) 850-0546

Hope this helps...

Don Woodward Jr.
Lockheed Aeronautical Systems Co.
494-8005

VOICE: (404)

Lockheed VOICE: 8-554-8005
woodward@hercii.lasc.lockheed.com

Lockheed PROFS: DBWOODWA

Date: Fri, 9 Jul 1993 15:11:07 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
darwin.sura.net!ukma!hgpeach@network.UCSD.EDU
Subject: beating the dead MOD horse . . .
To: info-hams@ucsd.edu

I know this question has been asked 1000+ times before, and as a long-time reader I should already know this, but what is the Internet address and subdirectory name where MODS for popular ICOM radios are kept? I recently purchased an ICOM 3220A dual bander and it only covers 440-450 MHz. I want to unlock the receiver to cover 450-470 and maybe 420-440 MHz.

73, Harold, N4FLZ
hgpeach@ca.uky.edu

--
Harold G. Peach, Jr. ><> N4FLZ _% hgpeach@s.ms.uky.edu

Date: 9 Jul 93 16:17:31 EST
From: saimiri.primate.wisc.edu!caen!malgudi.oar.net!uoft02.utoledo.edu!tulip!
mohan@ames.arpa
Subject: Comment on HW-100 ?
To: info-hams@ucsd.edu

Hello,

Today i met a ham who had equipment for sale. Please let me know if the price is okay.

The equipment is
Heathkit HW - 100, Speaker + Power supply, All manuals.
Heathkit SWR meter , Heathkit Phone Patch, CW Key (very simple model).
Heathkit Balun for coaxial to flat cable, Heathkit VTVM,
and a 80-10 meter dipole wire antenna.

The HW-101 needs alignment. (He said so.)
The price he is asking is \$250. What do you people think about the setup and the price.

Thanks for any info :)
--mohan

=====
+ Mohanakrishna Pakkurti + mohan@jupiter.cse.utoledo.edu +
+ HOME: 2239 University Hills Blvd #204, Toledo OH 43606. Phone:(419)536-9073 +
=====

Date: 9 Jul 93 19:45:48 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 08 July
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 189, 07/08/93
10.7 FLUX=093.3 90-AVG=110 SSN=063 BKI=2333 3432 BAI=014
BGND-XRAY=B1.7 FLU1=2.3E+05 FLU10=1.3E+04 PKI=2334 3433 PAI=015
BOU-DEV=010,037,030,033,025,044,030,017 DEV-AVG=028 NT SWF=00:000
XRAY-MAX= B7.0 @ 1043UT XRAY-MIN= B1.4 @ 2211UT XRAY-AVG= B2.2
NEUTN-MAX= +002% @ 1920UT NEUTN-MIN= -002% @ 0615UT NEUTN-AVG= +0.1%
PCA-MAX= +0.0DB @ 2310UT PCA-MIN= -0.1DB @ 2350UT PCA-AVG= -0.0DB
BOUTF-MAX=55373NT @ 0614UT BOUTF-MIN=55340NT @ 1721UT BOUTF-AVG=55356NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+083,+000,+000
GOES6-MAX=P:+150NT@ 1810UT GOES6-MIN=N:-082NT@ 0255UT G6-AVG=+107,-017,-050
FLUXFCST=STD:090,085,085;SESC:090,085,085 BAI/PAI-FCST=025,020,010/018,015,010
KFCST=5544 4454 4455 4411 27DAY-AP=009,012 27DAY-KP=3222 2232 2244 2223
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 07 JUL 93 was 70.7.
The Full Kp Indices for 07 JUL 93 are: 3- 3o 1+ 1+ 2- 2- 3- 2-

Date: Fri, 9 Jul 1993 17:21:54 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
darwin.sura.net!uvaarpa!maxwell!afs@network.UCSD.EDU
Subject: Date for Berryville, VA hamfest?
To: info-hams@ucsd.edu

If memory serves me at all, I think that there is a
hamfest/swapmeet at the fair grounds in Berryville, VA sometime
in the beginning of August. Does anyone know the exact date?
Please respond directly via e-mail, as I do not regularly
monitor this list. Thanks very much.

Rick Seaman
University of Virginia
AFS@VIRGINIA.EDU

Date: Fri, 9 Jul 1993 19:20:49 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!

darwin.sura.net!uvaarpa!murdoch!livia.acs.Virginia.EDU!jeg7e@network.UCSD.EDU
Subject: Date for Berryville, VA hamfest?
To: info-hams@ucsd.edu

In article <1993Jul9.172154.18231@virginia.edu> afs@Virginia.EDU ("Rick Seaman")
writes:

>
>If memory serves me at all, I think that there is a
>hamfest/swapmeet at the fair grounds in Berryville, VA sometime
>in the beginning of August. Does anyone know the exact date?
>Please respond directly via e-mail, as I do not regularly
>monitor this list. Thanks very much.

August 1, Gates open @ 6 AM

cc: afs@Virginia.EDU

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-----  
 \ \ / Jon Gefaell, Computer Systems Engineer      | Amateur Radio - KD4CQY  
  \ \ / Information Technology and Communications   | -Will chmod for food-  
   \ / The University of Virginia, Charlottesville | Hacker@Virginia.EDU
```

Date: 9 Jul 93 21:06:59 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!news.acns.nwu.edu!casbah.acns.nwu.edu!
lapin@network.UCSD.EDU
Subject: Digital FM through TV Cable, How?
To: info-hams@ucsd.edu

In article <1993Jul8.152406.1@ducvax.auburn.edu> anderjh@ducvax.auburn.edu writes:
>There is a service in Birmingham, AL called DMX Digital Music Express which
>is delivered through the Cable for Cable TV. It has about 40 stations
>which can be tuned in on an FM Stereo. Are they really sending digital
>signals through cable and how are they doing this?
>Curious Jamie ANDERJH@DUCVAX.AUBURN.EDU
>

If I understood the description, the signals can be decoded with an analog
FM stereo tuner - they must be analog signals.

Greg Lapin KD9AZ

Date: 9 Jul 1993 17:54:42 GMT
From: elroy.jpl.nasa.gov!news@ames.arpa

Subject: INFO WANTED - W2DRZ 902 Transverter
To: info-hams@ucsd.edu

I purchased a W2DRZ 902 transverter without much documentation. I have the basic schematic for the main board but require the schematic for the IF switch and tuning information if possible.

There was a product review in the Oct. 1988 issue of "73" Magazine that might prove helpful in tracking down more info. If you can help me, please e-mail steveb@inst-sun1.jpl.nasa.gov
thanks
Steve NJ6J

Date: 9 Jul 93 20:57:28 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$191.2liners
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-191.N
2Line Orbital Elements 191.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT
FROM N3FKV HEWITT, TX July 10, 1993
BID: \$ORBS-191.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:
1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCC 00000-0 00000-0 0 DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJJKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

A0-10

1 14129U 83 58 B 93188.53303997 -.00000143 00000-0 99999-4 0 66
2 14129 27.0196 16.9348 6027383 95.8219 331.6625 2.05886544 75682
U0-11

1 14781U 84 21 B 93187.16594821 .00000339 00000-0 61590-4 0 4232
2 14781 97.8090 212.7206 0011652 303.1422 56.8661 14.69021226499508
RS-10/11

1 18129U 87 54 A 93187.62319590 .00000088 00000-0 89554-4 0 6299
2 18129 82.9235 224.2461 0009931 265.4158 94.5835 13.72319547302513
A0-13

1 19216U 88 51 B 93184.69450408 .00000118 00000-0 99999-4 0 6167
2 19216 57.9978 307.8211 7229262 318.7860 4.8917 2.09717250 38701

FO-20

1 20480U 90 13 C 93189.61407106 -.000000008 00000-0 10182-4 0 4509
2 20480 99.0338 41.7405 0541462 38.1460 325.6705 12.83220244160062

AO-21

1 21087U 91 6 A 93189.74092111 .000000084 00000-0 82656-4 0 8047
2 21087 82.9410 36.8784 0035079 323.9169 35.9605 13.74521438122402

RS-12/13

1 21089U 91 7 A 93179.26235602 .000000023 00000-0 17649-4 0 4083
2 21089 82.9214 273.9003 0030785 15.3636 344.8447 13.74023675120048

UO-14

1 20437U 90 5 B 93182.20971269 .000000089 00000-0 42559-4 0 7566
2 20437 98.6116 266.3259 0011387 137.8139 222.3924 14.29779930179433

AO-16

1 20439U 90 5 D 93182.20920941 .000000064 00000-0 32758-4 0 5616
2 20439 98.6204 267.2224 0011700 138.8191 221.3877 14.29838853179440

DO-17

1 20440U 90 5 E 93182.19733455 .000000070 00000-0 34778-4 0 5631
2 20440 98.6207 267.4254 0011569 137.7846 222.4232 14.29974855179459

WO-18

1 20441U 90 5 F 93182.09704417 .000000064 00000-0 32864-4 0 5656
2 20441 98.6204 267.3487 0012118 139.6471 220.5611 14.29954643179442

LO-19

1 20442U 90 5 G 93182.72776255 .000000054 00000-0 28772-4 0 5625
2 20442 98.6202 268.1509 0012392 136.8810 223.3349 14.30044283179547

UO-22

1 21575U 91 50 B 93181.75491313 .000000090 00000-0 37451-4 0 2615
2 21575 98.4723 257.6484 0007068 262.5900 97.4484 14.36835221102617

KO-23

1 22077U 92 52 B 93185.38088294 .000000000 00000-0 99999-4 0 1063
2 22077 66.0765 288.1820 0003939 181.8255 178.2750 12.86279208 42059

ARSENE

1 22654U 93 56 B 93145.000000000 .000000000 00000-0 00000-0 0 0085
2 22654 1.0950 130.8800 2939760 137.2680 355.5380 1.42273540 242

NOAA-9

1 15427U 84123 A 93190.09204634 .000000105 00000-0 66274-4 0 4076
2 15427 99.0994 230.6517 0015941 105.3863 254.9082 14.13529980441877

NOAA-10

1 16969U 86 73 A 93190.04984656 .000000174 00000-0 82500-4 0 2498
2 16969 98.5148 204.4118 0012055 251.7616 108.2250 14.24819645353743

MET-2/17

1 18820U 88 5 A 93179.53392611 .000000036 00000-0 26794-4 0 8731
2 18820 82.5425 189.8915 0017812 90.0109 270.3093 13.84687227273415

MET-3/2

1 19336U 88 64 A 93188.93243038 .000000043 00000-0 99999-4 0 468
2 19336 82.5405 207.2691 0018283 39.4130 320.8307 13.16959926237946

NOAA-11

1 19531U 88 89 A 93189.90973488 .000000113 00000-0 71389-4 0 1573
2 19531 99.1337 166.1349 0012525 21.7612 338.4089 14.12894205246741

MET-2/18

1 19851U 89 18 A 93187.16177012 .000000072 000000-0 58286-4 0 8118
2 19851 82.5200 59.8020 0014616 112.0303 248.2412 13.84339133219817

MET-3/3

1 20305U 89 86 A 93177.99926999 .000000043 000000-0 99999-4 0 7185
2 20305 82.5531 157.9524 0017135 87.7200 272.5856 13.16021137176396

MET-2/19

1 20670U 90 57 A 93183.29810991 .000000026 000000-0 18132-4 0 5633
2 20670 82.5473 126.3915 0017563 52.2629 308.0121 13.84176858152218

FY-1/2

1 20788U 90 81 A 93189.75070264 -.000000202 000000-0 -12254-3 0 5926
2 20788 98.8663 215.4502 0014434 244.9294 115.0373 14.01311460145603

MET-2/20

1 20826U 90 86 A 93186.69132767 .000000057 000000-0 45805-4 0 5689
2 20826 82.5263 61.6731 0012500 305.5146 54.4849 13.83553511139846

MET-3/4

1 21232U 91 30 A 93190.07879213 .000000043 000000-0 99999-4 0 3688
2 21232 82.5439 52.2578 0019117 338.9085 21.1246 13.16823972106204

NOAA-12

1 21263U 91 32 A 93190.04630929 .000000220 000000-0 11609-3 0 6120
2 21263 98.6557 219.7347 0013330 146.4918 213.7103 14.22284256111750

MET-3/5

1 21655U 91 56 A 93189.47456972 .000000043 000000-0 99999-4 0 4366
2 21655 82.5524 359.4790 0014040 340.6199 19.4387 13.16822686 91224

MIR

1 16609U 86 17 A 93189.98397073 .00008567 000000-0 11546-3 0 1673
2 16609 51.6214 110.0517 0005913 180.1109 180.0321 15.58709119422533

HUBBLE

1 20580U 90 37 B 93189.68440514 .000000972 000000-0 84660-4 0 1387
2 20580 28.4708 285.7171 0004343 271.6925 88.3079 14.92757133174732

GRO

1 21225U 91 27 B 93190.18302235 .00021509 000000-0 14471-3 0 9365
2 21225 28.4629 136.2308 0005152 176.6548 183.4111 15.73506268 3586

TUBSAT

1 21577U 91 50 D 93189.75230741 .000000122 000000-0 48449-4 0 2650
2 21577 98.4722 265.0793 0004885 243.5781 116.4904 14.36385036103731

SARA

1 21578U 91 50 E 93185.76686873 .000000452 000000-0 16155-3 0 4341
2 21578 98.4764 262.8656 0004008 253.6445 106.4304 14.38465520103256

UARS

1 21701U 91 63 B 93180.90809607 -.000000839 000000-0 -62477-4 0 2490
2 21701 56.9829 130.4931 0005121 81.4948 278.6647 14.96666224 98201

/EX

Date: Fri, 9 Jul 1993 17:40:36 GMT

From: agate!howland.reston.ans.net!darwin.sura.net!news-feed-1.peachnet.edu!
umn.edu!csus.edu!netcom.com!wa2ise@ames.arpa
Subject: some HTX404 info from packet
To: info-hams@ucsd.edu

In article <742177916snx@skyld.tele.com> jangus@skyld.tele.com (Jeffrey D. Angus)
writes:

>
>In article <wa2iseC9u1Eq.I3M@netcom.com> wa2ise@netcom.com writes:
> > hello .. I last reported that it was an htx-440 to make correction. it an htx
> > 404 I had the chance to try the unit . It look the same as the htx 202 the
> > same settings. memory channel .scan. sensitivity 12db sinad .02 uv 20
db
>(rest of my crossposting deleted)

> This is a joke right?
>
> Is it just me or is the literacy level in amateur really this low?

I crossposted the above because it has some info that might be interesting
to this newsgroup, despite the writing style (which to me looks more
like the style done on CW, than that written by someone who has no ability
to do real writing). I usually avoid editing crossposts, as I don't
want to chew up another author's meaning, or put words in his mouth that
he didn't say. As long as it's intelligible and of some interest, I
do some crossposting.

(My old English teacher would give me a C minus for the above newly
written stuff! :-)

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"A thousand a month doesn't go far anymore" - George Jetson

Date: Fri, 9 Jul 1993 17:54:21 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
darwin.sura.net!news-feed-2.peachnet.edu!umn.edu!csus.edu!netcom.com!
wa2ise@network.UCSD.EDU
Subject: Third-party traffic
To: info-hams@ucsd.edu

>In article <21ht8a\$mj7@cville-srv.wam.umd.edu> ham@wam.umd.edu (Scott Richard
Rosenfeld) writes:

>>
>> To allow another person who does not have the privileges to transmit on a
>> particular frequency is allowing them to be a "Third Party" - just like a
>> phone patch. During a DX contest, this unlicensed or under-licensed oper-
>> ator will probably, at some time, work a station or two or three or a

>> hundred with which the US has no third-party traffic agreement!!!
>>
>> This is a violation of Federal Law. Third-party traffic undercuts the
>> ability of telephone companies to make a profit, both in the US and in DX
>> countries. Great Britain and the US have VERY limited 3rd party traffic
>> agreements, and I think that most of Europe is off the list completely.

I suspect that the FCC doesn't really care about the above sceniero(sp).
I think the spirit of the 3rd party rule is that in the case of non-ham
person A wanting to reach non-ham person B in some non 3rd party
country using hams to link up, instead of using the phone company.
Where person A and B know each other before the link-up. DX contests
don't fit this description, as you are making a brief link-up (contacts)
with some random person who you never knew before. You'd never use the
phone company to make similar random "DX" contacts, so the phone companies
don't lose any money over this. So they don't care about these.

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Date: 9 Jul 93 17:28:34 GMT
From: news-mail-gateway@ucsd.edu
Subject: VE Test Conditions
To: info-hams@ucsd.edu

Although I successfully passed the Extra Class license elements (hooray!), I
am appalled at the noise level allowed at the two separate testing sites I
attended. Without mentioning any names or affiliations, I will just say that
the first site I attended was virtually a party, with plenty of talking,
chatter, and laughing on the parts of both the examinees (who were not, at
that moment, being examined) and the VE's themselves.

At the second site the noise was not as bad, but how could any noise be
allowed at a testing site? This is an examination, where concentration is
required (for many of us!). This is NOT a party nor a place to discuss radio
equipment.

Any other experiences? Is this common?

Howard hlester@as.arizona.edu

End of Info-Hams Digest V93 #837
